

PCT09

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/787,658A

DATE: 06/22/2001
 TIME: 12:19:12

Input Set : A:\2549.seq.txt
 Output Set: N:\CRF3\06222001\I787658A.raw

4 <110> APPLICANT: KITADA, Chieko
 5 HINUMA, Shuji
 7 <120> TITLE OF INVENTION: Peptide derivative
 9 <130> FILE REFERENCE: 2549US0P
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/787,658A
 C--> 12 <141> CURRENT FILING DATE: 2001-05-14
 14 <150> PRIOR APPLICATION NUMBER: PCT/JP99/05216
 15 <151> PRIOR FILING DATE: 1999-09-24
 17 <150> PRIOR APPLICATION NUMBER: JP 10-271626
 18 <151> PRIOR FILING DATE: 1998-09-25
 21 <160> NUMBER OF SEQ ID NOS: 42
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 36
 25 <212> TYPE: PRT
 C--> 26 <213> ORGANISM: Artificial
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Artificial Polypeptide
 31 <220> FEATURE:
 32 <221> NAME/KEY: PEPTIDE
 33 <222> LOCATION: (34)..(34)
 34 <223> OTHER INFORMATION: Nle
 36 <400> SEQUENCE: 1
 37 Leu Val Gln Pro Arg Gly Ser Arg Asn Gly Pro Gly Pro Trp Gln Gly
 38 1 5 10 15
 39 Gly Arg Arg Lys Phe Arg Arg Gln Arg Pro Arg Leu Ser His Lys Gly
 40 20 25 30
 41 Pro Xaa Pro Phe
 42 35
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 36
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Artificial Polypeptide
 52 <220> FEATURE:
 53 <221> NAME/KEY: PEPTIDE
 54 <222> LOCATION: (34)..(34)
 55 <223> OTHER INFORMATION: Nle
 57 <400> SEQUENCE: 2
 58 Leu Val Gln Pro Arg Gly Ser Arg Asn Gly Pro Gly Pro Trp Gln Gly
 59 1 5 10 15
 60 Gly Arg Arg Lys Phe Arg Arg Gln Arg Pro Arg Leu Ser His Lys Gly
 61 20 25 30
 62 Pro Xaa Pro Tyr
 63 35
 65 <210> SEQ ID NO: 3
 66 <211> LENGTH: 13

ENTERED

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67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Artificial Polypeptide
73 <220> FEATURE:
74 <221> NAME/KEY: PEPTIDE
75 <222> LOCATION: (11)..(11) ✓
76 <223> OTHER INFORMATION: Nle
78 <220> FEATURE:
79 <221> NAME/KEY: PEPTIDE ✓
80 <222> LOCATION: (1)..(1)
81 <223> OTHER INFORMATION: pGlu
83 <400> SEQUENCE: 3
W 84 Xaa Arg Pro Arg Leu Ser His Lys Gly Pro Xaa Pro Phe
85 1 5 10
87 <210> SEQ ID NO: 4
88 <211> LENGTH: 13
89 <212> TYPE: PRT
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Artificial Polypeptide
95 <220> FEATURE:
96 <221> NAME/KEY: PEPTIDE
97 <222> LOCATION: (11)..(11) ✓
98 <223> OTHER INFORMATION: Nle
100 <220> FEATURE:
101 <221> NAME/KEY: PEPTIDE ✓
102 <222> LOCATION: (1)..(1)
103 <223> OTHER INFORMATION: pGlu
105 <400> SEQUENCE: 4
W 106 Xaa Arg Pro Arg Leu Ser His Lys Gly Pro Xaa Pro Tyr
107 1 5 10
109 <210> SEQ ID NO: 5
110 <211> LENGTH: 12
111 <212> TYPE: PRT
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Artificial Polypeptide
117 <220> FEATURE:
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120 <223> OTHER INFORMATION: Nle
122 <220> FEATURE:
123 <221> NAME/KEY: PEPTIDE
124 <222> LOCATION: (1)..(1)
125 <223> OTHER INFORMATION: pGlu
127 <400> SEQUENCE: 5
W 128 Xaa Arg Pro Arg Leu Ser His Lys Gly Pro Xaa Pro
129 1 5 10

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Input Set : A:\2549.seq.txt

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131 <210> SEQ ID NO: 6
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134 <213> ORGANISM: Artificial Sequence
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137 <223> OTHER INFORMATION: Artificial Polypeptide
139 <220> FEATURE:
140 <221> NAME/KEY: PEPTIDE
141 <222> LOCATION: (11)..(11)
142 <223> OTHER INFORMATION: Nle
144 <220> FEATURE:
145 <221> NAME/KEY: PEPTIDE
146 <222> LOCATION: (1)..(1)
147 <223> OTHER INFORMATION: pGlu
149 <400> SEQUENCE: 6

W-150 Xaa Arg Pro Arg Leu Ser His Lys Gly Pro Xaa
151 1 5 10

153 <210> SEQ ID NO: 7
154 <211> LENGTH: 12
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Artificial Polypeptide
161 <220> FEATURE:
162 <221> NAME/KEY: PEPTIDE
163 <222> LOCATION: (10)..(10)
164 <223> OTHER INFORMATION: Nle
166 <220> FEATURE:
167 <221> NAME/KEY: PEPTIDE
168 <222> LOCATION: (1)..(1)
169 <223> OTHER INFORMATION: Ac-Arg
171 <400> SEQUENCE: 7

W-172 Xaa Pro Arg Leu Ser His Lys Gly Pro Xaa Pro Tyr
173 1 5 10

175 <210> SEQ ID NO: 8
176 <211> LENGTH: 11
177 <212> TYPE: PRT
178 <213> ORGANISM: Artificial Sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: Artificial Polypeptide
183 <220> FEATURE:
184 <221> NAME/KEY: PEPTIDE
185 <222> LOCATION: (10)..(10)
186 <223> OTHER INFORMATION: Nle
188 <220> FEATURE:
189 <221> NAME/KEY: PEPTIDE
190 <222> LOCATION: (1)..(1)
191 <223> OTHER INFORMATION: Ac-Arg
193 <400> SEQUENCE: 8

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Input Set : A:\2549.seq.txt

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194 Xaa Pro Arg Leu Ser His Lys Gly Pro Xaa Pro
195 1 5 10
197 <210> SEQ ID NO: 9
198 <211> LENGTH: 10
199 <212> TYPE: PRT
200 <213> ORGANISM: Artificial Sequence
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203 <223> OTHER INFORMATION: Artificial Polypeptide
205 <220> FEATURE:
206 <221> NAME/KEY: PEPTIDE
207 <222> LOCATION: (10)..(10)
208 <223> OTHER INFORMATION: Nle
210 <220> FEATURE:
211 <221> NAME/KEY: PEPTIDE
212 <222> LOCATION: (1)..(1)
213 <223> OTHER INFORMATION: Ac-Arg
215 <400> SEQUENCE: 9
216 Xaa Pro Arg Leu Ser His Lys Gly Pro Xaa
217 1 5 10
219 <210> SEQ ID NO: 10
220 <211> LENGTH: 13
221 <212> TYPE: PRT
222 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: Artificial Polypeptide
227 <220> FEATURE:
228 <221> NAME/KEY: PEPTIDE
229 <222> LOCATION: (8)..(8)
230 <223> OTHER INFORMATION: Lys(Ac)
232 <220> FEATURE:
233 <221> NAME/KEY: PEPTIDE
234 <222> LOCATION: (1)..(1)
235 <223> OTHER INFORMATION: pGlu
237 <400> SEQUENCE: 10
238 Xaa Arg Pro Arg Leu Ser His Xaa Gly Pro Met Pro Phe
239 1 5 10
241 <210> SEQ ID NO: 11
242 <211> LENGTH: 13
243 <212> TYPE: PRT
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Artificial Polypeptide
249 <220> FEATURE:
250 <221> NAME/KEY: PEPTIDE
251 <222> LOCATION: (8)..(8)
252 <223> OTHER INFORMATION: Lys(Me)
254 <220> FEATURE:
255 <221> NAME/KEY: PEPTIDE
256 <222> LOCATION: (1)..(1)

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Input Set : A:\2549.seq.txt

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257 <223> OTHER INFORMATION: pGlu
 259 <400> SEQUENCE: 11
 W-260 Xaa Arg Pro Arg Leu Ser His Xaa Gly Pro Met Pro Phe
 261 1 5 10
 263 <210> SEQ ID NO: 12
 264 <211> LENGTH: 13
 265 <212> TYPE: PRT
 266 <213> ORGANISM: Artificial Sequence
 268 <220> FEATURE:
 269 <223> OTHER INFORMATION: Artificial Polypeptide
 271 <220> FEATURE:
 272 <221> NAME/KEY: PEPTIDE
 273 <222> LOCATION: (11)..(11)
 274 <223> OTHER INFORMATION: Nle
 276 <220> FEATURE:
 277 <221> NAME/KEY: PEPTIDE
 278 <222> LOCATION: (8)..(8)
 279 <223> OTHER INFORMATION: Lys(Ac)
 281 <220> FEATURE:
 282 <221> NAME/KEY: PEPTIDE
 283 <222> LOCATION: (1)..(1)
 284 <223> OTHER INFORMATION: pGlu
 W-286 <400> SEQUENCE: 12
 287 Xaa Arg Pro Arg Leu Ser His Xaa Gly Pro Xaa Pro Phe
 288 1 5 10
 290 <210> SEQ ID NO: 13
 291 <211> LENGTH: 13
 292 <212> TYPE: PRT
 293 <213> ORGANISM: Artificial Sequence
 295 <220> FEATURE:
 296 <223> OTHER INFORMATION: Artificial Polypeptide
 298 <220> FEATURE:
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 300 <222> LOCATION: (11)..(11)
 301 <223> OTHER INFORMATION: Nle
 303 <220> FEATURE:
 304 <221> NAME/KEY: PEPTIDE
 305 <222> LOCATION: (8)..(8)
 306 <223> OTHER INFORMATION: Lys(Me)
 308 <220> FEATURE:
 309 <221> NAME/KEY: PEPTIDE
 310 <222> LOCATION: (1)..(1)
 311 <223> OTHER INFORMATION: pGlu
 W-313 <400> SEQUENCE: 13
 314 Xaa Arg Pro Arg Leu Ser His Xaa Gly Pro Xaa Pro Phe
 315 1 5 10
 317 <210> SEQ ID NO: 14
 318 <211> LENGTH: 13
 319 <212> TYPE: PRT

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\2549.seq.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:26 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:150 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:194 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:287 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:314 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:341 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:449 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:476 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:569 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:572 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:595 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:620 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:741 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:785 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:870 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:892 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:909 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:970 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:992 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42